Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 07 Feb 2021 until 23:59 on Monday 08 Feb 2021

Forecast Issued on Sunday 07 Feb 2021 at 04:34

Confidence: High for remaining cold through the forecast period with some snow showers, but lower with regard to cloud and snow amounts. Low confidence Thursday.

Headline for Sunday 07 Feb 2021: Snow clearing then a rather cloudy start but sunny spells developing. A cold and rather breezy day with a few snow showers.

Mountain weather hazards on Sunday 07 Feb 2021

Blizzards Medium Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Light snow showers	Light snow showers	Light snow showers	Light snow showers (night)
Precipitation probability					
10%	20%	30%	30%	30%	30%

Forecast for Sunday 07 Feb 2021

Weather: A mostly dry and bright start with some sunshine, but becoming cloudier through the morning with scattered snow showers, these perhaps heavy but most will be in the east. Blizzard conditions possible with snow also blowing around at times Feeling very cold.

Chance of cloud free mountain/hill tops above 600m: 70% by daybreak, 40% by the afternoon

Visibility: Occasional cloud down to 600m, but 450m in any snow showers. Generally very good or excellent visibility out of cloud, but some sun glare off lying snow and poor or very poor in snow showers at height and where snow blows about. Almost nil in any blizzards.

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Forecast for Sunday 07 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	38/48 E	38/47 E	34/43 NE	34/44 NE	35/46 NE	36/48 NE	34/46 NE
300	22/31 E	17/24 NE	21/29 NE	20/29 NE	19/28 NE	19/29 NE	19/28 NE
Valley	11/31 E	6/24 E	13/30 NE	13/30 E	12/30 NE	11/29 NE	12/30 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-14	-5/-16	-4/-14	-4/-14	-5/-15	-5/-16	-5/-16
300	-1/-9	-2/-9	-1/-9	-2/-9	-2/-10	-2/-10	-2/-10
Valley	-1/-6	-1/-4	-0/-6	-1/-6	-2/-7	-2/-7	-2/-7
Freezing Level*	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe chill expected. Some lying snow at all elevations, bringing additional difficulties. Snow may also blow around with possibly some drifting of lying snow.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 07 Feb 2021	0mm	0mm	99.8mm

Forecast for Monday 08 Feb 2021

Weather: Some brighter spells, but mainly cloudy with snow showers, these possibly heavy, especially in east in afternoon, with risk of blizzard conditions. Best chance of any clearer or sunnier spells over White Peak. Remaining very cold with a severe chill.

Maximum wind: East or northeast 20mph, but 30 gust 40mph over the tops

Chance of cloud free mountain/hill tops above 600m: 40-60%

Visibility: Quite persistent cloud down to 600m, especially in east, but 400m at times in snow. Mainly good visibility out of cloud, but a kilometre or less in snow showers and also where any snow blows around and almost nil in blizzards.

Temperature: **Valleys:** Minus 1 C to plus 1 C
At 600m: Minus 6 C
Freezing level: At all levels

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